EFS-Web Receipt date: 02/24/2006 10527827 - GAU: 1636 INFORMATION DISCLOSURE CITATION O PE Attorney Docket No.: GC779-2-US Sorial No : 10/527 827 Applicant: Cervin et al Examiner: Hibbert FER 24 2006 Filing Date: Group: Unassigned Date of this Submission: February 21, 2006 Page 1 of 1 (A) THE US PATENT DOCUMENTS Sub-Examiner's Document Filing Number Date Namo Class Class Date Initial FOREIGN PATENT DOCUMENTS Examiner's Document Sub-Translation Date Initials Number Country Ciass Class Yes/No provided (only consid OTHER DOCUMENTS Examiner's Initials Author, Title, Date, Pertinent Pages, etc. /C.H./ Baez-Viveros, et al., Determination of 3-deoxy-D-arabino-heptulosonate 7-phosphate productivity and yield from glucose in Escherinchia coli devoid of the glucose phosphotransferease transport system. » Biotechnology and Bioengineering, V. 73, N. 6, 20 June 2001, pp. 530-535 Baez-Viveros, et al., « Metabolic engineering and protein directed evolution increase the yield of L-phenylalanine synthesized from glucose in Escherichia coll. » Biotechnology and Bioengineering, V. 87:4, 20 August 2004, pp. 516-524 /C.H./ /C.H./ Cunningham, L. et al., « Transcription and transcript processing in the sdhCDAB—sicABCD operon of Escherichia coli. » Microbiology. (1998), 44, 2133-2123 Figres et al., « Adaptation for fast growth on glucose by differential expression of central carbon metabolism and gal regulon genes in an Excherichia coli /C H / strain lacking the phosphoenolpyruvate: carbohydrate phosphotransferease system, » Metabolic Engineering, Academic Press, US, V. 7:2, March 2005, pp. 70-87 /C.H./ Gosset, et al., « A direct comparison of approaches for increasing carbon flow to aromatic biosynthesis in escherichia coli, » J. Of Industrial Microbiology S. for Industrila Micro., NL., V.17, N. 1, July 1996, pp. 47-52 Hemandez-Montalvo V. Et al., « Characterization of sugar mixtures utilization by an Excherichia coli mutant devoid of the phosphotransferease system, : Applied Microbiology and Biotechnology, V.57:1-2, 7/24/01, pp 188-191 /C.H./ /C.H./ Hernandez-Montalvo V. Et al., «Expression of galP and glk in a Excherichia coli PTS mutant restores glucose transport and increases glycolytic flux to fermentation products. »: B and B. Combinatorial Chemistry, Wiley, NY, NY, V.83:6, June 23, 2003 pp. 687-694: /C.H./ luchi, S. et al., « Adaption of excherichia coli to redox environmentsx by gene expression, » Molecular Microbiology, V. 9, N. 1, 1993, pp. 9-15 luchi, S. et al., « Arca (Dve), a gloval regulatory gene in excherichia coli mediating repression of enzymes in aerobic pathways, »Proceedings of the Nati. /C.H./ Acad. Of Sciences of USA, National Academy of Science, Washington, DC, US, V, 85, N, 6, March 1988, pp. 1888-1892 /C.H./ Jeon, Y. et al., « Multimerizatin of Phosphorylated and Non-phosphorylated ArcA is Necewssary for the Response REgulator Function of the Arc Two-component Signal Transduction System, » J. of Biological Chem. V. 276:44, Issue of Nov. 2, pp. 40873-40879 /C.H./ Nystrom, T. et al., « Bacterial Defense Aging: Role of the Escherichia Coli ArcaRegulator in Gene Expression, Readjusted Energy Flux and Survival during stasis, » Embo J., V. 15, N. 13, 1996 pp. 3219-3228 /C.H./ Perrenoud, A. et al., « Impact of global transcriptional regulation by ArcA, ArcB, Cra, Crp, Cya, Fnr, and Mic on glucose catabolism in Echerichia coli, » J. of Bact., V. 187, N. 9, May 2005, pp. 3171-3179 /C.H./ Prohl, C. et al., « Functional citric acid cycle in an arcA mutant of Escherichia coli during growth with nitrate under anoxic conditions, » Archives of Micro., V. 170, N.1, July 1998,pp. 1-7 /C.H./ Valle, et al., « Overexpression of chromosomal genes in Escherichia coli, » Method in Molecular Biology (Clifton, N. J.), V. 267, 2004, pp. 113-122 Wyborn, N. et al., « Expression of the Escherichia coli yfiD gene responds to intracellular pH and reduces the accumultion of acidic metabolic end /C.H./ products, » Microbiology, 2002, 148, pp. 1015-1026

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